

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: **Mail** Mail Stop ISSUE FEE
Commissioner for Patents
Alexandria, Virginia 22313-1450
or **Fax** (703) 746-4000

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 4 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Legibly mark-up with any corrections or use Block 1)
7590 09/24/2003

Robert E. Bushnell
Suite 300
1522 K Street, N.W.
Washington, DC 20005



Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO, on the date indicated below.

(Depositor's name)
(Signature)
(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/015,666	12/17/2001	Ja-Goun Koo	P56622	5131

TITLE OF INVENTION: CONTROL OF LCD DISPLAY BACKLIGHT BY ACTUATION OF A LATCH IN A NOTEBOOK COMPUTER

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1300	\$300	\$1600	12/24/2003

EXAMINER	ART UNIT	CLASS-SUBCLASS
DATSKOVSKIY, MICHAEL V	2835	361-683000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
- ☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

Robert E. Bushnell, Esq.

2 _____
3 _____

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. Inclusion of assignee data is only appropriate when an assignment has been previously submitted to the USPTO or is being submitted under separate cover. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Samsung Electronics Co., Ltd.

Suwon, Kyungki-do, Korea

Please check the appropriate assignee category or categories (will not be printed on the patent); ☐ individual ☒ corporation or other private group entity ☐ government

4a. The following fee(s) are enclosed:

- ☒ Issue Fee
- ☒ Publication Fee
- ☐ Advance Order - # of Copies _____

4b. Payment of Fee(s):

- ☒ A check in the amount of the fee(s) is enclosed.
- ☐ Payment by credit card. Form PTO-2038 is attached.
- ☐ The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number _____ (enclose an extra copy of this form).

Director for Patents is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.

(Authorized Signature)

(Date)

Robert E. Bushnell, Esq., 27,774 10 November 2003

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Alexandria, Virginia 22313-1450.

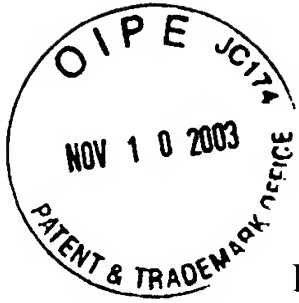
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

11/13/2003 CNGUYEN1 00000043 10015666

01 FC:1501
02 FC:1504

1330.00 CP
300.00 CP

TRANSMIT THIS FORM WITH FEE(S)



PATENT
P56622

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

JA-GOUN KOO

Serial No.: 10/015,666

Examiner: DATSKOCSKIY, MICHAEL V.

Filed: 17 December 2001

Art Unit: 2835

For: CONTROL OD LCD DISPLAY BACKLIGHT BY ACTUATION OF A LATCH IN
A NOTEBOOK COMPUTER

ISSUE FEE AND PUBLICATION FEE TRANSMITTAL


Mail Stop Issue Fee

P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

This transmittal accompanies a signed Issue & Publication Fee Transmittal, PTOL-85B, and Applicant's check drawn to the order of the Commissioner of Patents & Trademarks in the amount of U.S. \$1,630.00, including a fee of \$300.00 for Publication Fee.

Respectfully submitted,


Robert E. Bushnell, Esq.
Reg. No.: 27,774

1522 "K" Street, N.W., Suite 300
Washington, D.C. 20005
(202)-408-9040

Enclosures: Issue & Publication Fee Transmittal, PTOL-85B, and check No. 44963
Folio: P56622
Date: November 10, 2003
REB/asc



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL Patent fees are subject to annual revision.		Complete If Known																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
		Application Number		10/015,666																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
		Filing Date		17 December 2001																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
		First Named Inventor		JA-GOUN KOO																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
		Examiner Name		DATSKOVSKIY, MICHAEL V.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
		Group/Art Unit		2835																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
TOTAL AMOUNT OF PAYMENT		(\$) <u>1,630.00</u>		Attorney Docket No.		P56622																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
METHOD OF PAYMENT (check one)				FEE CALCULATION (continued)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
1. <input type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:				3. ADDITIONAL FEES																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
Deposit Account Number: <u>02-4943</u>				<table border="1"><thead><tr><th colspan="2">Large Entity</th><th colspan="2">Small Entity</th><th rowspan="2">Fee Description</th><th rowspan="2">Fee Paid</th></tr><tr><th>Fee Code</th><th>Fee (\$)</th><th>Fee Code</th><th>Fee (\$)</th></tr></thead><tbody><tr><td><input type="checkbox"/></td><td colspan="3">Charge Any Additional Fee Required Under 37 C.F.R. § 1.16 and 1.17.</td><td>1051</td><td>130</td><td>2051</td><td>65</td><td>Surcharge-late filing fee or oath</td><td>\$</td></tr><tr><td><input type="checkbox"/></td><td colspan="3">Applicant claims small entity status. See 37 CFR 1.27</td><td>1052</td><td>50</td><td>2052</td><td>25</td><td>Surcharge-late provisional filing fee or cover sheet</td><td>\$</td></tr><tr><td></td><td></td><td></td><td></td><td>1053</td><td>130</td><td>1053</td><td>130</td><td>Non-English specification</td><td>\$</td></tr><tr><td></td><td></td><td></td><td></td><td>1812</td><td>2,520</td><td>1812</td><td>2,520</td><td>For filing a request for reexamination</td><td>\$</td></tr><tr><td></td><td></td><td></td><td></td><td>1804</td><td>920*</td><td>1804</td><td>920*</td><td>Requesting publication of SIR prior to Examiner action</td><td>\$</td></tr><tr><td></td><td></td><td></td><td></td><td>1805</td><td>1,840*</td><td>1805</td><td>1,840*</td><td>Requesting publication of SIR after Examiner action</td><td>\$</td></tr><tr><td></td><td></td><td></td><td></td><td>1251</td><td>110</td><td>2251</td><td>55</td><td>Extension for reply within first month</td><td>\$</td></tr><tr><td></td><td></td><td></td><td></td><td>1252</td><td>420</td><td>2252</td><td>210</td><td>Extension for reply within second month</td><td>\$</td></tr><tr><td></td><td></td><td></td><td></td><td>1253</td><td>950</td><td>2253</td><td>475</td><td>Extension for reply within third month</td><td>\$</td></tr><tr><td></td><td></td><td></td><td></td><td>1254</td><td>1,480</td><td>2254</td><td>740</td><td>Extension for reply within fourth month</td><td>\$</td></tr><tr><td></td><td></td><td></td><td></td><td>1255</td><td>2,010</td><td>2255</td><td>1,005</td><td>Extension for reply within fifth month</td><td>\$</td></tr><tr><td></td><td></td><td></td><td></td><td>1401</td><td>330</td><td>2401</td><td>165</td><td>Notice of Appeal</td><td>\$</td></tr><tr><td></td><td></td><td></td><td></td><td>1402</td><td>330</td><td>2402</td><td>165</td><td>Filing a brief in support of an appeal</td><td>\$</td></tr><tr><td></td><td></td><td></td><td></td><td>1403</td><td>290</td><td>2403</td><td>145</td><td>Request for oral hearing</td><td>\$</td></tr><tr><td></td><td></td><td></td><td></td><td>1451</td><td>1,510</td><td>1451</td><td>1,510</td><td>Petition to institute a public use proceeding</td><td>\$</td></tr><tr><td></td><td></td><td></td><td></td><td>1452</td><td>110</td><td>2452</td><td>55</td><td>Petition to revive - unavoidable</td><td>\$</td></tr><tr><td></td><td></td><td></td><td></td><td>1453</td><td>1,330</td><td>2453</td><td>665</td><td>Petition to revive - unintentional</td><td>\$</td></tr><tr><td></td><td></td><td></td><td></td><td>1501</td><td>1,330</td><td>2501</td><td>665</td><td>Utility issue fee (or reissue)</td><td>\$1,330.00</td></tr><tr><td></td><td></td><td></td><td></td><td>1502</td><td>480</td><td>2502</td><td>240</td><td>Design issue fee</td><td>\$</td></tr><tr><td></td><td></td><td></td><td></td><td>1503</td><td>640</td><td>2503</td><td>320</td><td>Plant issue fee</td><td>\$</td></tr><tr><td></td><td></td><td></td><td></td><td>1504</td><td>300</td><td>1504</td><td>300</td><td>Publication fee</td><td>\$ 300.00</td></tr><tr><td></td><td></td><td></td><td></td><td>1807</td><td>50</td><td>1807</td><td>50</td><td>Processing fee for provisional applications</td><td>\$</td></tr><tr><td></td><td></td><td></td><td></td><td>1806</td><td>180</td><td>1806</td><td>180</td><td>Submission of Information Disclosure Statement</td><td>\$</td></tr><tr><td></td><td></td><td></td><td></td><td>8021</td><td>40</td><td>8021</td><td>40</td><td>Recording each patent assignment per property (Times number of properties)</td><td>\$</td></tr><tr><td></td><td></td><td></td><td></td><td>1809</td><td>770</td><td>2809</td><td>385</td><td>Filing a submission after final rejection (37 C.F.R. § 1.129(a))</td><td>\$</td></tr><tr><td></td><td></td><td></td><td></td><td>1810</td><td>770</td><td>2810</td><td>385</td><td>For each additional invention to be examined (37 C.F.R. § 1.129(b))</td><td>\$</td></tr><tr><td></td><td></td><td></td><td></td><td>8001</td><td>3</td><td></td><td></td><td>Printed copy of patent w/o color</td><td>\$</td></tr><tr><td></td><td></td><td></td><td></td><td colspan="4">Other Fee (specify) _____</td><td>\$</td></tr><tr><td></td><td></td><td></td><td></td><td colspan="4">Other Fee (specify) _____</td><td>\$</td></tr><tr><td colspan="4">2. <input checked="" type="checkbox"/> Payment Enclosed: (CHECK #44963) <input checked="" type="checkbox"/> Check <input type="checkbox"/> Credit Card <input type="checkbox"/> Money Order <input type="checkbox"/> Other</td><td colspan="4">** Reduced by Basic Filing Fee Paid</td><td colspan="2"></td></tr><tr><td colspan="4">1. BASIC FILING FEE</td><td colspan="4">SUBTOTAL (3)</td><td colspan="2">\$1,630.00</td></tr><tr><td colspan="4"><table border="1"><thead><tr><th colspan="2">Large Entity</th><th colspan="2">Small Entity</th><th rowspan="2">Fee Description</th><th rowspan="2">Fee Paid</th></tr><tr><th>Fee Code</th><th>Fee (\$)</th><th>Fee Code</th><th>Fee (\$)</th></tr></thead><tbody><tr><td>1001</td><td>770</td><td>2001</td><td>385</td><td>Utility filing fee</td><td>\$</td></tr><tr><td>1002</td><td>340</td><td>2002</td><td>170</td><td>Design filing fee</td><td>\$</td></tr><tr><td>1003</td><td>530</td><td>2003</td><td>265</td><td>Plant filing fee</td><td>\$</td></tr><tr><td>1004</td><td>770</td><td>2004</td><td>385</td><td>Reissue filing fee</td><td>\$</td></tr><tr><td>1005</td><td>160</td><td>2005</td><td>80</td><td>Provisional filing fee</td><td>\$</td></tr><tr><td colspan="4">SUBTOTAL (1)</td><td colspan="2">(\$)<u>.00</u></td></tr></tbody></table></td><td colspan="4"></td><td colspan="2"></td></tr><tr><td colspan="4">2. EXTRA CLAIM FEES</td><td colspan="4"></td><td colspan="2"></td></tr><tr><td colspan="4"><table border="1"><thead><tr><th></th><th>Extra Claims</th><th>Fee from below</th><th>Fee Paid</th></tr></thead><tbody><tr><td>Total claims</td><td>-20** =</td><td>x</td><td>=</td></tr><tr><td>Independent Claims</td><td>- 3** =</td><td>x</td><td>=</td></tr><tr><td>Multiple Dependent</td><td></td><td></td><td>=</td></tr></tbody></table></td><td colspan="4"></td><td colspan="2"></td></tr><tr><td colspan="4">77** or number previously paid, if greater; For Reissues, see below</td><td colspan="4"></td><td colspan="2"></td></tr><tr><td colspan="4"><table border="1"><thead><tr><th colspan="2">Large Entity</th><th colspan="2">Small Entity</th><th rowspan="2">Fee Description</th><th rowspan="2">Fee Paid</th></tr><tr><th>Fee Code</th><th>Fee (\$)</th><th>Fee Code</th><th>Fee (\$)</th></tr></thead><tbody><tr><td>1201</td><td>86</td><td>2201</td><td>43</td><td>Independent claims in excess of 3</td><td></td></tr><tr><td>1202</td><td>18</td><td>2202</td><td>9</td><td>Claims in excess of 20</td><td></td></tr><tr><td>1203</td><td>290</td><td>2203</td><td>145</td><td>Multiple dependent claim, if not paid</td><td></td></tr><tr><td>1204</td><td>86</td><td>2204</td><td>43</td><td>** Reissue independent claims over original patent</td><td></td></tr><tr><td>1205</td><td>18</td><td>2205</td><td>9</td><td>** Reissue claims in excess of 20 and over original patent</td><td></td></tr><tr><td colspan="4">SUBTOTAL (2)</td><td colspan="2">(\$)<u>0.00</u></td></tr></tbody></table></td><td colspan="4"></td><td colspan="2"></td></tr><tr><td colspan="6">SUBMITTED BY</td><td colspan="6">Complete (if applicable)</td></tr><tr><td colspan="3">Typed or Printed Name</td><td colspan="3">Robert E. Bushnell, Esq.</td><td colspan="3">Reg. Number</td><td colspan="3">27,774</td></tr><tr><td colspan="3">Signature</td><td colspan="3"></td><td colspan="3">Date</td><td colspan="3">10 November 2003</td></tr><tr><td colspan="3"></td><td colspan="3"></td><td colspan="3">Deposit Account User ID</td><td colspan="3"></td></tr></tbody></table>				Large Entity		Small Entity		Fee Description	Fee Paid	Fee Code	Fee (\$)	Fee Code	Fee (\$)	<input type="checkbox"/>	Charge Any Additional Fee Required Under 37 C.F.R. § 1.16 and 1.17.			1051	130	2051	65	Surcharge-late filing fee or oath	\$	<input type="checkbox"/>	Applicant claims small entity status. See 37 CFR 1.27			1052	50	2052	25	Surcharge-late provisional filing fee or cover sheet	\$					1053	130	1053	130	Non-English specification	\$					1812	2,520	1812	2,520	For filing a request for reexamination	\$					1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	\$					1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	\$					1251	110	2251	55	Extension for reply within first month	\$					1252	420	2252	210	Extension for reply within second month	\$					1253	950	2253	475	Extension for reply within third month	\$					1254	1,480	2254	740	Extension for reply within fourth month	\$					1255	2,010	2255	1,005	Extension for reply within fifth month	\$					1401	330	2401	165	Notice of Appeal	\$					1402	330	2402	165	Filing a brief in support of an appeal	\$					1403	290	2403	145	Request for oral hearing	\$					1451	1,510	1451	1,510	Petition to institute a public use proceeding	\$					1452	110	2452	55	Petition to revive - unavoidable	\$					1453	1,330	2453	665	Petition to revive - unintentional	\$					1501	1,330	2501	665	Utility issue fee (or reissue)	\$1,330.00					1502	480	2502	240	Design issue fee	\$					1503	640	2503	320	Plant issue fee	\$					1504	300	1504	300	Publication fee	\$ 300.00					1807	50	1807	50	Processing fee for provisional applications	\$					1806	180	1806	180	Submission of Information Disclosure Statement	\$					8021	40	8021	40	Recording each patent assignment per property (Times number of properties)	\$					1809	770	2809	385	Filing a submission after final rejection (37 C.F.R. § 1.129(a))	\$					1810	770	2810	385	For each additional invention to be examined (37 C.F.R. § 1.129(b))	\$					8001	3			Printed copy of patent w/o color	\$					Other Fee (specify) _____				\$					Other Fee (specify) _____				\$	2. <input checked="" type="checkbox"/> Payment Enclosed: (CHECK #44963) <input checked="" type="checkbox"/> Check <input type="checkbox"/> Credit Card <input type="checkbox"/> Money Order <input type="checkbox"/> Other				** Reduced by Basic Filing Fee Paid						1. BASIC FILING FEE				SUBTOTAL (3)				\$1,630.00		<table border="1"><thead><tr><th colspan="2">Large Entity</th><th colspan="2">Small Entity</th><th rowspan="2">Fee Description</th><th rowspan="2">Fee Paid</th></tr><tr><th>Fee Code</th><th>Fee (\$)</th><th>Fee Code</th><th>Fee (\$)</th></tr></thead><tbody><tr><td>1001</td><td>770</td><td>2001</td><td>385</td><td>Utility filing fee</td><td>\$</td></tr><tr><td>1002</td><td>340</td><td>2002</td><td>170</td><td>Design filing fee</td><td>\$</td></tr><tr><td>1003</td><td>530</td><td>2003</td><td>265</td><td>Plant filing fee</td><td>\$</td></tr><tr><td>1004</td><td>770</td><td>2004</td><td>385</td><td>Reissue filing fee</td><td>\$</td></tr><tr><td>1005</td><td>160</td><td>2005</td><td>80</td><td>Provisional filing fee</td><td>\$</td></tr><tr><td colspan="4">SUBTOTAL (1)</td><td colspan="2">(\$)<u>.00</u></td></tr></tbody></table>				Large Entity		Small Entity		Fee Description	Fee Paid	Fee Code	Fee (\$)	Fee Code	Fee (\$)	1001	770	2001	385	Utility filing fee	\$	1002	340	2002	170	Design filing fee	\$	1003	530	2003	265	Plant filing fee	\$	1004	770	2004	385	Reissue filing fee	\$	1005	160	2005	80	Provisional filing fee	\$	SUBTOTAL (1)				(\$)<u>.00</u>								2. EXTRA CLAIM FEES										<table border="1"><thead><tr><th></th><th>Extra Claims</th><th>Fee from below</th><th>Fee Paid</th></tr></thead><tbody><tr><td>Total claims</td><td>-20** =</td><td>x</td><td>=</td></tr><tr><td>Independent Claims</td><td>- 3** =</td><td>x</td><td>=</td></tr><tr><td>Multiple Dependent</td><td></td><td></td><td>=</td></tr></tbody></table>					Extra Claims	Fee from below	Fee Paid	Total claims	-20** =	x	=	Independent Claims	- 3** =	x	=	Multiple Dependent			=							77** or number previously paid, if greater; For Reissues, see below										<table border="1"><thead><tr><th colspan="2">Large Entity</th><th colspan="2">Small Entity</th><th rowspan="2">Fee Description</th><th rowspan="2">Fee Paid</th></tr><tr><th>Fee Code</th><th>Fee (\$)</th><th>Fee Code</th><th>Fee (\$)</th></tr></thead><tbody><tr><td>1201</td><td>86</td><td>2201</td><td>43</td><td>Independent claims in excess of 3</td><td></td></tr><tr><td>1202</td><td>18</td><td>2202</td><td>9</td><td>Claims in excess of 20</td><td></td></tr><tr><td>1203</td><td>290</td><td>2203</td><td>145</td><td>Multiple dependent claim, if not paid</td><td></td></tr><tr><td>1204</td><td>86</td><td>2204</td><td>43</td><td>** Reissue independent claims over original patent</td><td></td></tr><tr><td>1205</td><td>18</td><td>2205</td><td>9</td><td>** Reissue claims in excess of 20 and over original patent</td><td></td></tr><tr><td colspan="4">SUBTOTAL (2)</td><td colspan="2">(\$)<u>0.00</u></td></tr></tbody></table>				Large Entity		Small Entity		Fee Description	Fee Paid	Fee Code	Fee (\$)	Fee Code	Fee (\$)	1201	86	2201	43	Independent claims in excess of 3		1202	18	2202	9	Claims in excess of 20		1203	290	2203	145	Multiple dependent claim, if not paid		1204	86	2204	43	** Reissue independent claims over original patent		1205	18	2205	9	** Reissue claims in excess of 20 and over original patent		SUBTOTAL (2)				(\$)<u>0.00</u>								SUBMITTED BY						Complete (if applicable)						Typed or Printed Name			Robert E. Bushnell, Esq.			Reg. Number			27,774			Signature						Date			10 November 2003									Deposit Account User ID					
Large Entity		Small Entity						Fee Description	Fee Paid																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
Fee Code	Fee (\$)	Fee Code	Fee (\$)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
<input type="checkbox"/>	Charge Any Additional Fee Required Under 37 C.F.R. § 1.16 and 1.17.			1051	130	2051	65	Surcharge-late filing fee or oath	\$																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
<input type="checkbox"/>	Applicant claims small entity status. See 37 CFR 1.27			1052	50	2052	25	Surcharge-late provisional filing fee or cover sheet	\$																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
				1053	130	1053	130	Non-English specification	\$																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
				1812	2,520	1812	2,520	For filing a request for reexamination	\$																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
				1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	\$																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
				1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	\$																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
				1251	110	2251	55	Extension for reply within first month	\$																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
				1252	420	2252	210	Extension for reply within second month	\$																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
				1253	950	2253	475	Extension for reply within third month	\$																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
				1254	1,480	2254	740	Extension for reply within fourth month	\$																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
				1255	2,010	2255	1,005	Extension for reply within fifth month	\$																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
				1401	330	2401	165	Notice of Appeal	\$																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
				1402	330	2402	165	Filing a brief in support of an appeal	\$																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
				1403	290	2403	145	Request for oral hearing	\$																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
				1451	1,510	1451	1,510	Petition to institute a public use proceeding	\$																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
				1452	110	2452	55	Petition to revive - unavoidable	\$																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
				1453	1,330	2453	665	Petition to revive - unintentional	\$																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
				1501	1,330	2501	665	Utility issue fee (or reissue)	\$1,330.00																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
				1502	480	2502	240	Design issue fee	\$																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
				1503	640	2503	320	Plant issue fee	\$																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
				1504	300	1504	300	Publication fee	\$ 300.00																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
				1807	50	1807	50	Processing fee for provisional applications	\$																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
				1806	180	1806	180	Submission of Information Disclosure Statement	\$																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
				8021	40	8021	40	Recording each patent assignment per property (Times number of properties)	\$																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
				1809	770	2809	385	Filing a submission after final rejection (37 C.F.R. § 1.129(a))	\$																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
				1810	770	2810	385	For each additional invention to be examined (37 C.F.R. § 1.129(b))	\$																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
				8001	3			Printed copy of patent w/o color	\$																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
				Other Fee (specify) _____				\$																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
				Other Fee (specify) _____				\$																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
2. <input checked="" type="checkbox"/> Payment Enclosed: (CHECK #44963) <input checked="" type="checkbox"/> Check <input type="checkbox"/> Credit Card <input type="checkbox"/> Money Order <input type="checkbox"/> Other				** Reduced by Basic Filing Fee Paid																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
1. BASIC FILING FEE				SUBTOTAL (3)				\$1,630.00																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
<table border="1"><thead><tr><th colspan="2">Large Entity</th><th colspan="2">Small Entity</th><th rowspan="2">Fee Description</th><th rowspan="2">Fee Paid</th></tr><tr><th>Fee Code</th><th>Fee (\$)</th><th>Fee Code</th><th>Fee (\$)</th></tr></thead><tbody><tr><td>1001</td><td>770</td><td>2001</td><td>385</td><td>Utility filing fee</td><td>\$</td></tr><tr><td>1002</td><td>340</td><td>2002</td><td>170</td><td>Design filing fee</td><td>\$</td></tr><tr><td>1003</td><td>530</td><td>2003</td><td>265</td><td>Plant filing fee</td><td>\$</td></tr><tr><td>1004</td><td>770</td><td>2004</td><td>385</td><td>Reissue filing fee</td><td>\$</td></tr><tr><td>1005</td><td>160</td><td>2005</td><td>80</td><td>Provisional filing fee</td><td>\$</td></tr><tr><td colspan="4">SUBTOTAL (1)</td><td colspan="2">(\$)<u>.00</u></td></tr></tbody></table>				Large Entity		Small Entity		Fee Description	Fee Paid	Fee Code	Fee (\$)	Fee Code	Fee (\$)	1001	770	2001	385	Utility filing fee	\$	1002	340	2002	170	Design filing fee	\$	1003	530	2003	265	Plant filing fee	\$	1004	770	2004	385	Reissue filing fee	\$	1005	160	2005	80	Provisional filing fee	\$	SUBTOTAL (1)				(\$)<u>.00</u>																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
Large Entity		Small Entity		Fee Description	Fee Paid																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
Fee Code	Fee (\$)	Fee Code	Fee (\$)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
1001	770	2001	385	Utility filing fee	\$																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
1002	340	2002	170	Design filing fee	\$																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
1003	530	2003	265	Plant filing fee	\$																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
1004	770	2004	385	Reissue filing fee	\$																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
1005	160	2005	80	Provisional filing fee	\$																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
SUBTOTAL (1)				(\$)<u>.00</u>																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
2. EXTRA CLAIM FEES																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
<table border="1"><thead><tr><th></th><th>Extra Claims</th><th>Fee from below</th><th>Fee Paid</th></tr></thead><tbody><tr><td>Total claims</td><td>-20** =</td><td>x</td><td>=</td></tr><tr><td>Independent Claims</td><td>- 3** =</td><td>x</td><td>=</td></tr><tr><td>Multiple Dependent</td><td></td><td></td><td>=</td></tr></tbody></table>					Extra Claims	Fee from below	Fee Paid	Total claims	-20** =	x	=	Independent Claims	- 3** =	x	=	Multiple Dependent			=																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
	Extra Claims	Fee from below	Fee Paid																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
Total claims	-20** =	x	=																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
Independent Claims	- 3** =	x	=																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
Multiple Dependent			=																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
77** or number previously paid, if greater; For Reissues, see below																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
<table border="1"><thead><tr><th colspan="2">Large Entity</th><th colspan="2">Small Entity</th><th rowspan="2">Fee Description</th><th rowspan="2">Fee Paid</th></tr><tr><th>Fee Code</th><th>Fee (\$)</th><th>Fee Code</th><th>Fee (\$)</th></tr></thead><tbody><tr><td>1201</td><td>86</td><td>2201</td><td>43</td><td>Independent claims in excess of 3</td><td></td></tr><tr><td>1202</td><td>18</td><td>2202</td><td>9</td><td>Claims in excess of 20</td><td></td></tr><tr><td>1203</td><td>290</td><td>2203</td><td>145</td><td>Multiple dependent claim, if not paid</td><td></td></tr><tr><td>1204</td><td>86</td><td>2204</td><td>43</td><td>** Reissue independent claims over original patent</td><td></td></tr><tr><td>1205</td><td>18</td><td>2205</td><td>9</td><td>** Reissue claims in excess of 20 and over original patent</td><td></td></tr><tr><td colspan="4">SUBTOTAL (2)</td><td colspan="2">(\$)<u>0.00</u></td></tr></tbody></table>				Large Entity		Small Entity		Fee Description	Fee Paid	Fee Code	Fee (\$)	Fee Code	Fee (\$)	1201	86	2201	43	Independent claims in excess of 3		1202	18	2202	9	Claims in excess of 20		1203	290	2203	145	Multiple dependent claim, if not paid		1204	86	2204	43	** Reissue independent claims over original patent		1205	18	2205	9	** Reissue claims in excess of 20 and over original patent		SUBTOTAL (2)				(\$)<u>0.00</u>																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
Large Entity		Small Entity		Fee Description	Fee Paid																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
Fee Code	Fee (\$)	Fee Code	Fee (\$)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
1201	86	2201	43	Independent claims in excess of 3																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
1202	18	2202	9	Claims in excess of 20																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
1203	290	2203	145	Multiple dependent claim, if not paid																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
1204	86	2204	43	** Reissue independent claims over original patent																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
SUBTOTAL (2)				(\$)<u>0.00</u>																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
SUBMITTED BY						Complete (if applicable)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
Typed or Printed Name			Robert E. Bushnell, Esq.			Reg. Number			27,774																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
Signature						Date			10 November 2003																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
						Deposit Account User ID																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													

REB/asc

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.